

Title (en)  
Positioning device

Title (de)  
Verstellvorrichtung

Title (fr)  
Dispositif de déplacement

Publication  
**EP 1655513 A1 20060510 (DE)**

Application  
**EP 05022740 A 20051019**

Priority  
DE 102004054037 A 20041105

Abstract (en)  
The adjuster has a planetary gear designed as a ball-type epi-cyclic gear, and a fixed sleeve-like housing (1) arranged, so that it does not twist and includes a thread-shaped groove in its cylindrical inner wall. An adjustment tube of a rotary drive has a drive shaft (13) with a thread-shaped groove coaxially arranged relative to the housing. The housing and the shaft are clutched with each other by balls arranged in the grooves. Planetary rollers (20) are rotatably drivable around a longitudinal axis of the housing.

IPC 8 full level  
**F16D 65/18** (2006.01); **F16D 65/28** (2006.01); **F16H 25/22** (2006.01); **F16H 25/24** (2006.01)

CPC (source: EP US)  
**F16H 25/2247** (2013.01 - EP US); **F16H 2025/228** (2013.01 - EP US); **Y10T 74/19791** (2015.01 - EP US)

Citation (search report)

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DE ES FR GB IT

DOCDB simple family (publication)  
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